

Tulalip / Rhine Poudre

CH2M HILL

MEMORANDUM

PREPARED FOR: Sylvia Burges/EPA Region 10

DATE: December 10, 1996

COPIES TO: Edwin Liu/RP
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Ed Petrie/RP
Fred Ellerbusch/RP
Rich Torrito/RP
John Abrams/RP
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Mike Shatynski/RP
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Buzz Rahier/RP
Sue Hays/Hays Consulting
Chuck Blumenfeld/Bogle & Gates
Doug Holsten/CH2M HILL
Howard Steeley/Ecology
Theresa Michelsen/Ecology
Pam Elardo/Ecology
Peter Wright/Monsanto
Rene Fuentes/EPA

TECHNICAL STATUS REPORT

CH2M HILL

PREPARED FOR: Sylvia Burges/EPA Region 10
COPIES TO: Byung Maeng/Ecology
PREPARED BY: Liz Luecker/CH2M HILL
DATE: December 10, 1996
SUBJECT: Rhône-Poulenc Monthly Status Report
SITE NAME AND LOCATION: Rhône-Poulenc Inc./Seattle Plant
Tukwila, WA
REPORTING PERIOD: November 1 through November 30, 1996
PROJECT: 136734.P1.ZZ

Following is CH2M HILL's technical status report summary for the RCRA Corrective Action Project at Rhône-Poulenc's (RP) Seattle Plant. This status report summarizes activities implemented and planned for this Corrective Action project and is intended to be transmitted to U.S. EPA Region 10 in fulfillment of the monthly progress reports required in Consent Order No. 1091-11-20-3008(h).

Progress Made This Reporting Period

Task P1-Project Management

The EPA status report was faxed to EPA on November 8 and mailed to the distribution on the same day.

Edwin Liu/RP met with Sylvia Burges/EPA 10 on November 21 to discuss the site, preparation of the Risk Assessment/Media Cleanup Standards, and the Round 3 Technical Memorandum submittal.

Task A3-Interim Measures

Report.

A report documenting the compressor pad excavation, the PCB ditch excavation, sewer cleaning, and disposal of associated waste streams is currently being developed by Terra Nova Environmental Sciences and CH2M HILL.

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LNAPL.

RP monitored the wells for LNAPL on November 30. The wells monitored for LNAPL were: H10, H11, H9, G3, MW-14, MW-15, MW-17, MW-18, MW-19, and MW-20. Wells MW-12, DM-7, and B6 were not accessible at this time because containers belonging to Northwest Container were stored on top of the wells. No well monitored contained a measurable amount of LNAPL. The samples from wells H10, H11, and MW-15 had sheens, and the sample from MW-19 had a slight sheen. The remaining wells surveyed did not contain LNAPL. Information on the LNAPL thicknesses is attached.

Task A8-Round 3 Technical Memorandum

Sylvia Burges/EPA 10 sent Edwin Liu/RP a letter dated November 5, 1996, approving the Round 3 Technical Memorandum, pending submittal of the revised insert pages and submittal of the sediment data to Ecology. The letter also directed RP to start preparation of the Risk Assessment/Media Cleanup Standards report.

Deliverables Submitted

The October Progress Report was submitted to U.S. EPA on November 8.

Progress Planned For Next Reporting Period

Task A2-Applicable Regulations and Permits

Leasing Arrangements.

The PCB ditch area will be paved by Lakeridge Paving once excavation of contaminated soils is complete and EPA approves the Interim Measures report.

The soil and shrubbery Northwest Container Services' contractor removed from the area near the Facility's North Road, near the entrance (in RFI investigation Areas BG and A3) and from south of the laboratory building (in Area A3) is still being stockpiled on site. The soil was placed in two dirt piles (approximately 10 cubic yards) located at the northwest corner of the laboratory building and a third pile located southwest of the laboratory building (approximately 100 cubic yards). Northwest Container will dispose of this soil as non-hazardous based on past sampling data.

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Task A3-Interim Measures

LNAPL.

During the November 21 meeting, EPA and RP agreed that LNAPL would no longer be monitored on a monthly basis.

Task S1-Miscellaneous Field Support

Drum Disposal.

A total of 13 drums of wastes are on site. The wastes include:

- 11 partial drums of wash water from cleaning the API separator and the storm water tank, and
- 2 drums of used activated carbon

The remaining water in the drums contains higher concentrations of sediments. This water will be transferred to the mobile holding tank and filtered through one-micron filters. The filtrate will be analyzed for copper by Sound Analytical and discharged to Metro.

Outfall 4 Wash Water in Aluminum Tank.

Approximately 1,000 gallons of outfall 4 wash water and sludge are in the aluminum tank. The water in the aluminum tank will be filtered on site through one-micron filters and discharged to Metro, provided it meets Metro's discharge parameters. Filtration of the water is expected to occur during December/January. Sludge in the tank will be removed, solidified, and landfilled at the Waste Management, Inc., hazardous waste facility in Arlington, OR.

rhône-p/MSR/11-96EPA

RHONE POULENC - MARGINAL WAY FACILITY MONTHLY LNAPL SURVEY LOG Floating Product Layer Thickness in Feet																																								
Date Sampled	H10	H1	MW12	H11	DM7	H9	H6	DM2A	DM2B	DM8	A9	DM3A	DM3B	A2	A4	DM4	B4	B2	DM5	B1A	B1B	C1	DM6	B5	G3	G1	B6	MW13	MW14	MW15	MW16	MW17	MW18	MW19	MW20	DM1A	DM1B	E3		
6/7/94	0		0																																					
6/8/94	0		0																																					
6/17/94	Film	0	0.007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
8/4/94	Film	Sheen	Sheen	Film	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
9/8/94	Film	0	Film	0.01	0	Sheen	Sheen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.021	0.005	0	0	0.01	0					
10/6/94	0	0	Sheen	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	0	0	0	0	0	0.021	0					
11/3/94	0	0	0.005	0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	0	0.01	0	0	0	0	0	0				
12/5/94	0	0	0	Sheen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	0	0	0	0	0	0	0	0				
1/11/95	0.26 ^a	Sheen	Sheen	0.04 ^d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	0	0.01 ^a	0	0	0	0	0	0	0			
2/17/95	2.01	0	0.16	Sheen	0	0	0	0	0	0	NA	0	0	0	0	0	0	0	0 ^b	0	0	0	0	NA	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3/23/95	0.01										0	0	0	0	0 ^c					0	0	0														0	0	Sheen ^c		
3/27/95		0	Sheen	0	0	0	0	0	0	0						0	0	0	0				0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3/28/95																							0																	
4/27/95	0.063	0	Film ^d	0		0				0	0	0	0	NA	0		0	0	0		0	0	0	0	0	0	0	0	0				0	0.063 ^c	Sheen	0				
4/28/95					0		0	0	0							0													0	0										
5/31/95	0.01	0	Film	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6/30/95	Sheen ^d	0	Film	NA	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	0		0	0	0	0	0	0	0	NA	Sheen	Sheen	0	0	0	0	0	0	0	0	0	
7/28/95																	0						0				0	0								0				
7/29/95	Sheen	0	Sheen	NA	0	0	0	0	0	0	0	0	0	NA	0	NA		0	0		NA			0	0	0			0	0	0	0	0	0	0	0	0	0	0	
8/26/95	Sheen	0	Sheen	0	0	0	0	0	0	0	0	0	0	NA	0	NA	0	0	0		0	0	0	0	NA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9/29/95	0.03	0			0	0	0	0	0	0	0	0	0	0	0	0		0	0		0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
10/4/95			Sheen ^d	^d													0										0													
10/30/95	0.03	0	^d	Film	0	0						0	0	0	0	0	0	0	NA	NA		0	0	0	0	0	NA	0	0	0	0	0	0	0	0	0	0	0	0 ^f	
10/31/95							0	Sheen	Sheen	0	0							NA	NA		0					NA														
11/30/95	Film	0	Sheen	Film	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/31/95	0.2	0	Film	Sheen	NA	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	NA	NA	0	NA	NA	0	0	0	0	0	0	0	0	0	0	0	
1/3/96	1.17		^d	Sheen	0	0																				0		NA		0	0			0	0	0	0	0	0	0
2/27/96	Film ^e		0	Sheen	0	0																			0		0		0	0			0 ^f	0.09	0	0 ^f				
3/31/96	Film		Film	Film	0	0																		0		NA		0	0	0	0	0	0	0	0	0	0	0	0	
4/29/96	Film		^d	Sheen	0	0																		0		NA		0	0			0	0	0	0	0	0	0	0	0
5/31/96	Film		^d	Sheen ^h	0	0																		0		NA		0	0			0	0	0	0	0	0	0	0	0
6/28/96	Film		Sheen ^d	Film	NA	0																		0		0		0	0			0	0	0	0	0	0	0	0	0
7/31/96	Film		Film	Film	NA	0																		0		0		0	0	0	0	0	0	0	0	0	0	0	0	
8/31/96	Sheen ^h		Film	Sheen ^h	0	0																		0		0		0	0			0	0	0	0	0	0	0	0	0
9/30/96	Sheen ^h		Sheen ^d	Sheen	0	0																		0		NA		0	0			0	0	0	0	0	0	0	0	0
10/31/96	Sheen ^h		Sheen ^h	Sheen	0	0	0																	0		0		0	0			0	0	0	0	0	0	0	0	0
11/30/96	Sheen		NA	Sheen	NA	0																		0		NA		0	0	0	0	0	0	0	0	0	0	0	0	0
^a Solinst Model 121 oil/water interface probe. After 1/11/95, all wells were monitored using this probe when significant LNAPL is present. ^b No sheen noted when measurement device was placed in clean water, but water turned light brown after probing. ^c Orange/rust colored residue on probe. ^d Globules. ^e Dark Phase. ^f Odor of decay. ^g 1000 mL of LNAPL were bailed from H10 at 10:45 am ^h Slight sheen NA = Not accessible.																																								